

IN THE CLAIMS

Please add claim 11, as follows:

1      11. A lock, comprising:

2                  a shell containing a hollow recess defining a longitudinal axis and an intenser

3                  cylindrical surface;

4                  a plug rotatable around said longitudinal axis while resident within said hollow  
5                  recess, a bar interposed between said shell and said plug to reciprocate generally along a radial plate  
6                  between a first position engaging both said shell and said plug while obstructing rotation of said  
7                  plug within said recess, and a second position accommodating said rotation; said plug comprising:

8                  a first base bearing a keyway providing a first electrical conductor and an  
9                  orifice spaced-apart from and separated by a mass of said plug from said keyway;

10                 a second base separated by an axial length of said plug from said first base,  
11                 said second base bearing means for supporting a cam;

12                 an exterior surface extending between and engaging said first base and said  
13                 second base;

14                 locking means responsive to a key inserted into said keyway to accommodate  
15                 reciprocation of said bar between said first position and said second position when the key  
16                 while inserted into said keyway engages in a selected relation with said locking means and  
17                 obstructing said reciprocation absent said selected relation;

18                 a second electrical conductor terminating with an electrical contact exposed